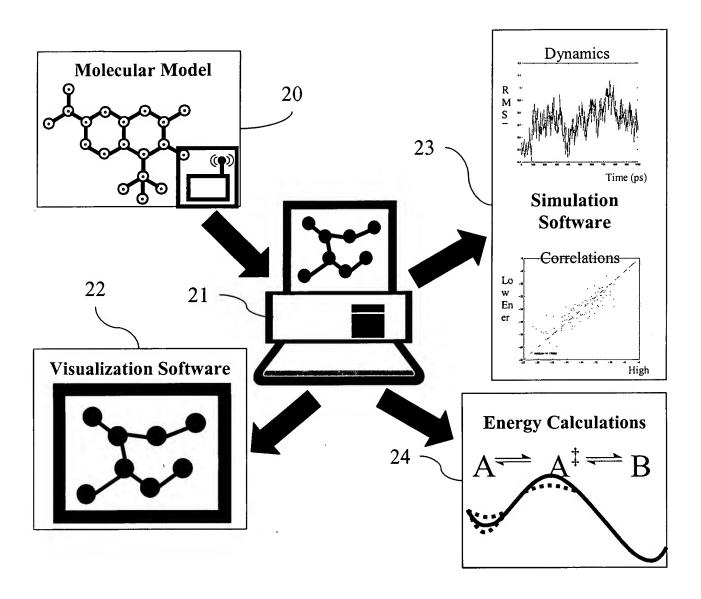
Inventor: Sherman et al.
Filing Date: December 31, 2003
Title: Apparatus and Method for Integrating a Physical
Molecular Model with a Computer-Based
Visualization and Simulation Model
Atty. Docket No. MOL-001
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FIG. 1



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Node/Atom

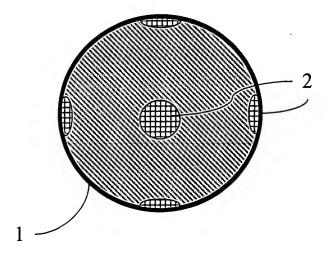
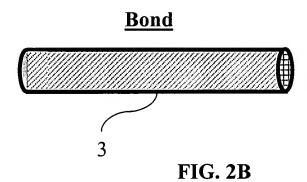


FIG. 2A



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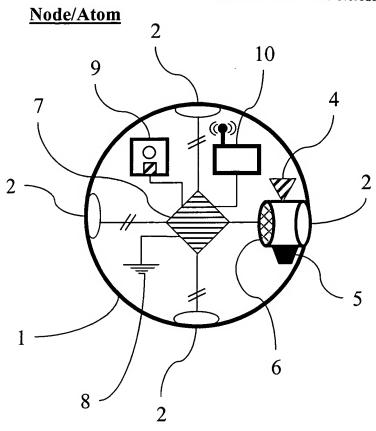
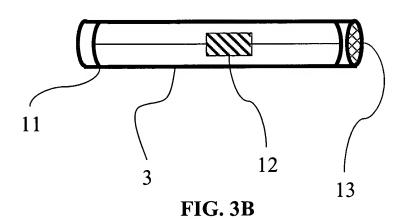


FIG. 3A

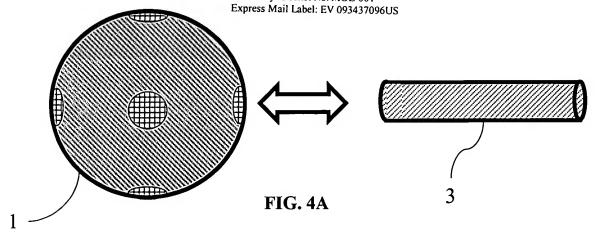


Bond

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Filing Date: December 31, 2003

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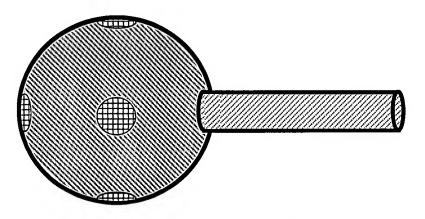
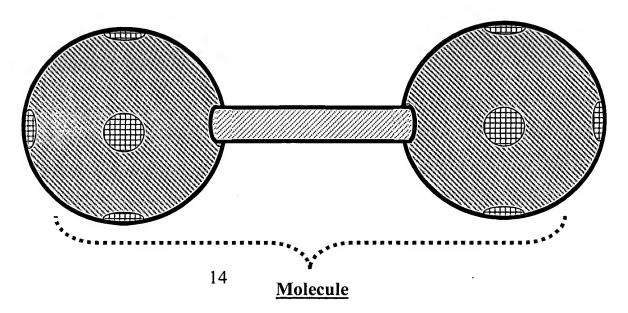
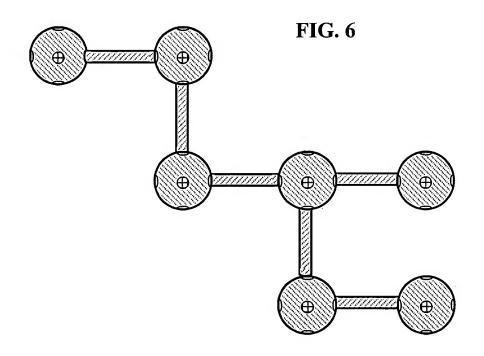


FIG. 4B

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FIG. 5



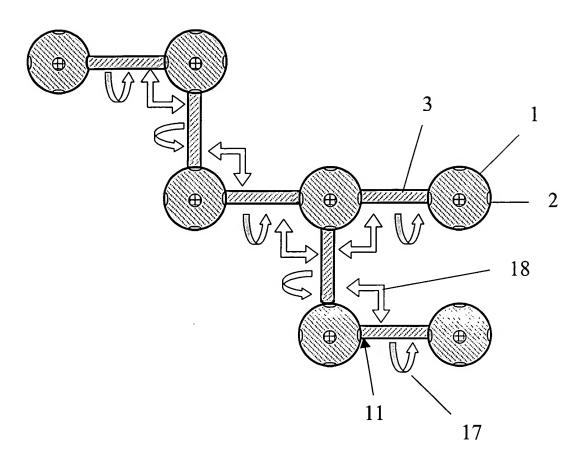


Inventor: Sherman et al.
Filing Date: December 31, 2003

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Atty. Docket No. MOL-001

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FIG. 7



17:

= rotatable bonds

= bendable angles 18: